Geometric and Asymptotic Group Theory with Applications 2016

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On finite quotients of Mapping Class groups

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Abstract:
We introduce a method for constructing finite quotients of Mapping Class groups. As an application of this method, we find a new proof of Alan W Reid and Gregor Masbaum's result that all finite groups are involved in Mapping Class groups (their proof exploits Topological Quantum Field Theory). This talk covers joint work with Christopher J. Leininger.